

#11



Pg/09

## RAW SEQUENCE LISTING

DATE: 10/01/2002

PATENT APPLICATION: US/09/787,397A

TIME: 14:14:15

Input Set : A:\fjnl0107.st25.txt

Output Set: N:\CRF4\10012002\I787397A.raw

2 <110> APPLICANT: Goto, Masaaki Tomoyasu, Akihiro Yamaguchi, Kyoji  
 3 Kinoshaki, Masahiko Nakagawa, Nobuaki  
 5 <120> TITLE OF INVENTION: PREVENTIVE AND/OR THERAPEUTIC FOR OBESITY  
 7 <130> FILE REFERENCE: FJIN-107  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/787,397A  
 C--> 9 <141> CURRENT FILING DATE: 2002-06-12  
 9 <160> NUMBER OF SEQ ID NOS: 4  
 11 <170> SOFTWARE: PatentIn version 3.0  
 13 <210> SEQ ID NO: 1  
 14 <211> LENGTH: 29  
 15 <212> TYPE: DNA  
 16 <213> ORGANISM: Artificial Sequence  
 18 <220> FEATURE:  
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized DNA  
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 26 <211> LENGTH: 29  
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 33 <400> SEQUENCE: 2  
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 38 <211> LENGTH: 741  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Human  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: promoter  
 44 <222> LOCATION: (1)..(3)  
 46 <220> FEATURE:  
 47 <221> NAME/KEY: terminator  
 48 <222> LOCATION: (739)..(741)  
 50 <300> PUBLICATION INFORMATION:  
 51 <301> AUTHORS: Olsen H. S. et al.  
 52 <302> TITLE: Human stanniocalcin: A possible hormonal regulator of mineral metabolism.  
 53 <303> JOURNAL: Proc. Natl. Acad. Sci. USA  
 54 <304> VOLUME: 93  
 55 <305> ISSUE: 5  
 56 <306> PAGES: 1792  
 57 <307> DATE: 1996-03-05  
 58 <308> DATABASE ACCESSION NO: GenBank, U46768

ENTERED

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TIME: 14:14:15

Input Set : A:\fjnl0107.st25.txt

Output Set: N:\CRF4\10012002\I787397A.raw

59 &lt;309&gt; DATABASE ENTRY DATE: 1996-02-22

61 &lt;400&gt; SEQUENCE: 3

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64 gcggagcaga atgactctgt gagccccagg aaatcccagag tggcggccca aaactcagct      120
66 gaagtgggttc gttgcctcaa cagtgtctta caggctcggt gcggggcttt tgcattgctg      180
68 gaaaactcca cctgtgacac agatgggatg tatgacatct gtaaatcctt cttgtacagc      240
70 gctgctaaat ttgacactca gggaaaagca ttcgtcaaag agagcttaaa atgcatcgcc      300
72 aacgggggtca cctccaaggt ctctctcgcc attcggagggt gctccacttt ccaaaggatg      360
74 attgctgagg tgcaggaaga gtgctacagc aagctgaatg tgtgcagcat cgccaagcgg      420
76 aaccctgaag ccatcactga ggtcgtccag ctgcccattc acttctccaa cagatactat      480
78 aacagacttg tccgaagcct gctggaatgt gatgaagaca cagtcagcac aatcagagac      540
80 agcctgatgg agaaaattgg gcctaacatg gccagcctct tccacatcct gcagacagac      600
82 cactgtgccc aaacacaccc acgagctgac ttcaacagga gacgcaccaa tgagccgcag      660
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89 &lt;210&gt; SEQ ID NO: 4

90 &lt;211&gt; LENGTH: 247

91 &lt;212&gt; TYPE: PRT

92 &lt;213&gt; ORGANISM: Human

W--&gt; 93 &lt;300&gt; PUBLICATION INFORMATION:

94 &lt;301&gt; AUTHORS: Olsen H. S. et al.

95 &lt;302&gt; TITLE: Human stanniocalcin: A possible hormonal regulator of mineral metabolism.

96 &lt;303&gt; JOURNAL: Proc. Natl. Acad. Sci. USA

97 &lt;304&gt; VOLUME: 93

98 &lt;305&gt; ISSUE: 5

99 &lt;306&gt; PAGES: 1792

100 &lt;307&gt; DATE: 1996-03-05

102 &lt;400&gt; SEQUENCE: 4

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104 Met Leu Gln Asn Ser Ala Val Leu Leu Val Leu Val Ile Ser Ala Ser
105 1                    5                    10                    15
107 Ala Thr His Glu Ala Glu Gln Asn Asp Ser Val Ser Pro Arg Lys Ser
108                20                25                30
110 Arg Val Ala Ala Gln Asn Ser Ala Glu Val Val Arg Cys Leu Asn Ser
111                35                40                45
113 Ala Leu Gln Val Gly Cys Gly Ala Phe Ala Cys Leu Glu Asn Ser Thr
114                50                55                60
116 Cys Asp Thr Asp Gly Met Tyr Asp Ile Cys Lys Ser Phe Leu Tyr Ser
117 65                70                75                80
119 Ala Ala Lys Phe Asp Thr Gln Gly Lys Ala Phe Val Lys Glu Ser Leu
120                85                90                95
122 Lys Cys Ile Ala Asn Gly Val Thr Ser Lys Val Phe Leu Ala Ile Arg
123                100               105               110
125 Arg Cys Ser Thr Phe Gln Arg Met Ile Ala Glu Val Gln Glu Glu Cys
126                115               120               125
128 Tyr Ser Lys Leu Asn Val Cys Ser Ile Ala Lys Arg Asn Pro Glu Ala
129                130               135               140
131 Ile Thr Glu Val Val Gln Leu Pro Asn His Phe Ser Asn Arg Tyr Tyr
132 145                150                155                160
134 Asn Arg Leu Val Arg Ser Leu Leu Glu Cys Asp Glu Asp Thr Val Ser

```

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135          165          170          175
137 Thr Ile Arg Asp Ser Leu Met Glu Lys Ile Gly Pro Asn Met Ala Ser
138          180          185          190
140 Leu Phe His Ile Leu Gln Thr Asp His Cys Ala Gln Thr His Pro Arg
141          195          200          205
143 Ala Asp Phe Asn Arg Arg Arg Thr Asn Glu Pro Gln Lys Leu Lys Val
144          210          215          220
146 Leu Leu Arg Asn Leu Arg Gly Glu Glu Asp Ser Pro Ser His Ile Lys
147 225          230          235          240
149 Arg Thr Ser His Glu Ser Ala
150          245
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/787,397A

DATE: 10/01/2002  
TIME: 14:14:16

Input Set : A:\fjnl07.st25.txt  
Output Set: N:\CRF4\10012002\I787397A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:3; Line(s) 52

Seq#:4; Line(s) 95

## VERIFICATION SUMMARY

DATE: 10/01/2002

PATENT APPLICATION: US/09/787,397A

TIME: 14:14:16

Input Set : A:\fjnl07.st25.txt

Output Set: N:\CRF4\10012002\I787397A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:93 M:283 W: Missing Blank Line separator, &lt;300&gt; field identifier